

## **Baler Gate Linkage and Latch Structur**

### **Abstract of the Disclosure**

A chassis-mounted round baler particularly useful with an on-board cotton module building system includes a bale release gate frame section connected to a forward frame section by a four bar linkage to define a gate path that allows the folding of the baler into both field transport and shipping configurations while maintaining desirable operating, transport and shipping heights. The gate linkage incorporates a self latching feature wherein a small vertical movement of the gate as the gate cylinders are operated releases a gate latch member from a forward frame member during gate opening and reengages the gate latch with the forward frame member during closing. The gate interacts with the bale handler to provide a stop for the baler gate when the baler gate is placed into a cradle on the handler.

### Assignment

The entire right, title and interest in and to this application and all subject matter disclosed and/or claimed therein, including any and all divisions, continuations, reissues, etc., thereof are, effective as of the date of execution of this application, assigned, transferred, sold and set over by the applicant(s) named herein to Deere & Company, a Delaware corporation having offices at Moline, Illinois 61265, U.S.A., together with all rights to file, and to claim priorities in connection with, corresponding patent applications in any and all foreign countries in the name of Deere & Company or otherwise.